

Eaton Solenoid Directional Control Valve DG4V-3/5-EN124



Eaton EN124 Series DG Valve for MOEM applications

- Fatigued tested to 10 million cycles*
- Standard Viton seal
- Up to 80 l/min (21 USgpm) for NG6/D03 and up to 120 l/min (31.5USgpm) for NG10/D05
- Mounting face meets ISO 4401 standards, size D03/NG06 and D05/NG10

* NFPA Fatigue Qualification

Specifications

Basic Features *	Cetop 3	Cetop 5
Maximum pressure (P; A; B port)	350 bar	315 bar
T port pressure	≤210bar	≤210bar
Maximum flow	80 L/min	120 L/min
Minimum ambient temperature	-20°C (-4°F)	-20°C (-4°F)
Maximum ambient temperature	70°C (158°F)	70°C (158°F)
Solenoid power consumption	30W	38W
Solenoid rated voltage	24VDC	24VDC
Duty cycle continuous ED	100%	100%

Model Code:

DG4V - * - ** * (L) - (**) - (V) M - * (L) - H * ** - EN124 - (P** - A** - B** - T**)

1	2	3	4	5	6	7	8	9	10	11	12	13
1 Model Series DG4V - Subplate mounted, Solenoid operated	2 Cetop 3 - CE TOP 3 /NG6 5 - CE TOP 5 /NG10	3 Spool Type Please refer functional symbols on standard DG4V catalogue	4 Spool Spring Arrangement A - Spring offset, end-to-end AL - Same as "A" but left hand build B - Spring offset, end to center BL - Same as "B" but left hand build C - Spring centered N - No-spring detented	5 Manual Operation Option Blank - Plain override in solenoid end only H - Water-resistant override(s) in solenoid end(s) Z - No overrides at either end W - Twist and lock override in solenoid end only	6 Solenoid Energization Identity Blank - None V - Solenoid "A" is at port "A" end and/or solenoid "B" is at port "B" end, independent of spool type	7 Flag Symbol M - Electrical options and features	8 Coil Type U - ISO4400, DIN43650 connector U1 - ISO4400 fitted with PG11 plug U6 - ISO4400 with fitted DIN plug with lights KUP5 - Integral Deutsch Connector	9 Coil Voltage Rating H - 24V DC G - 12V DC	10 Tank Pressure Rating 5 - 100 bar 6 - 160 bar 7 - 210 bar	11 Design No. 6* - for CE TOP 3 /NG6 2* - for CE TOP 5 /NG10	12 Special Features EN124 - Industrial specialized	13 Oil Port Throttler Plug Omitted - No throttler plug

* The socket is provided by the user



Powering Business Worldwide

Released Part Numbers

Part Number	Model Code
6029428-001	DG4V-3-0AL-M-U-H7-60-EN124
6029429-001	DG4V-3-0A-M-U-H7-60-EN124
6029426-001	DG4V-3-0BL-M-U-H7-60-EN124
6039329-001	DG4V-3-0B-M-U-G7-60-EN124
6029427-001	DG4V-3-0B-M-U-H7-60-EN124
6039331-001	DG4V-3-0C-M-U-G7-60-EN124
6029425-001	DG4V-3-0C-M-U-H7-60-EN124
6029424-001	DG4V-3-0C-VM-U-H7-60-EN124
6029422-001	DG4V-3-22AL-M-U-H7-60-EN124
6029423-001	DG4V-3-22A-M-U-H7-60-EN124
6029421-001	DG4V-3-24A-M-U-H7-60-EN124
6029418-001	DG4V-3-2AL-M-U-H7-60-EN124
6029417-001	DG4V-3-2AL-VM-U-H7-60-EN124
6039326-001	DG4V-3-2A-M-U-G7-60-EN124
6029420-001	DG4V-3-2A-M-U-H7-60-EN124
6045187-001	DG4V-3-2A-M-U-H7-60-P08-EN124
6029419-001	DG4V-3-2A-VM-U-H7-60-EN124
6029415-001	DG4V-3-2BL-M-U-H7-60-EN124
6029416-001	DG4V-3-2B-M-U-H7-60-EN124
6036191-001	DG4V-3-2C-M-U-G7-60-EN124
6029414-001	DG4V-3-2C-M-U-H7-60-EN124
6045186-001	DG4V-3-2C-M-U-H7-60-P08-EN124
6029413-001	DG4V-3-2C-VM-U-H7-60-EN124
6029412-001	DG4V-3-2N-M-U-H7-60-EN124
6029411-001	DG4V-3-2N-VM-U-H7-60-EN124
6029410-001	DG4V-3-31C-M-U-H7-60-EN124
6029409-001	DG4V-3-33C-M-U-H7-60-EN124
6029408-001	DG4V-3-3C-M-U-H7-60-EN124
6029407-001	DG4V-3-52C-M-U-H7-60-EN124
6029405-001	DG4V-3-6BL-MU-H7-60-EN124
6029406-001	DG4V-3-6B-M-U-H7-60-EN124
6039332-001	DG4V-3-6C-M-U-G7-60-EN124
6029404-001	DG4V-3-6C-M-U-H7-60-EN124
6044559-001	DG4V-3-6C-M-U-HL5-60-EN124
6029403-001	DG4V-3-6C-VM-U-H7-60-EN124
6035342-001	DG4V-3-7C-M-U-H7-60-EN124
6039333-001	DG4V-3-8C-VM-U-G7-61-EN124

Part Number	Model Code
6035343-001	DG4V-3-8C-VM-U-H7-61-EN124
6046015-001	DG4V-3-8B-VM-U-H7-61-EN124
6046086-001	DG4V-3-0A-M-KUP5-G7-60-EN124
6046087-001	DG4V-3-2C-M-KUP5-G7-60-EN124
6046085-001	DG4V-3-6C-M-KUP5-G7-60-EN124
6046084-001	DG4V-5-0A-M-KUP5-G7-60-EN124
6039714-001	DG4V-5-2CJ-M-U-G6-20-EN124
6035562-001	DG4V-5-33CJ-VM-U-H6-20-EN124
6033943-001	DG4V-5-0AL-M-U-H6-20-EN124
6033934-001	DG4V-5-0A-M-U-H6-20-EN124
6033927-001	DG4V-5-0BJ-M-U-H6-20-EN124
6045671-001	DG4V-5-0CJ-M-KUP5-G6-20-EN124
6033933-001	DG4V-5-0CJ-M-U-H6-20-EN124
6041359-001	DG4V-5-1CJ-M-U-H6-20-EN124
6033935-001	DG4V-5-22AJ-M-U-H6-20-EN124
6033928-001	DG4V-5-2AJ-M-U-H6-20-EN124
6033937-001	DG4V-5-2AJ-VM-U-H6-20-EN124
6033941-001	DG4V-5-2ALJ-M-U-H6-20-EN124
6033940-001	DG4V-5-2BJ-M-U-H6-20-EN124
6033942-001	DG4V-5-2BLJ-M-U-H6-20-EN124
6033930-001	DG4V-5-2CJ-M-U-H6-20-EN124
6033925-001	DG4V-5-2CJ-M-U-H6-20-J99-EN124
6033938-001	DG4V-5-2CJ-VM-U-H6-20-EN124
6033929-001	DG4V-5-2NJ-M-U-H6-20-EN124
6033926-001	DG4V-5-31CJ-M-U-H6-20-EN124
6035344-001	DG4V-5-33CJ-M-U-H6-20-EN124
6033936-001	DG4V-5-3CJ-M-U-H6-20-EN124
6041358-001	DG4V-5-52CJ-M-U-H6-20-J99-EN124
6035345-001	DG4V-5-6BJ-M-U-H6-20-EN124
6035346-001	DG4V-5-6BLJ-M-U-H6-20-EN124
6033931-001	DG4V-5-6CJ-M-U-H6-20-EN124
6033939-001	DG4V-5-6CJ-VM-U-H6-20-EN124
6035347-001	DG4V-5-7CJ-M-U-H6-20-EN124
6033932-001	DG4V-5-8CJ-VM-U-H6-20-EN124
6046014-001	DG4V-5-8BJ-VM-U-H6-20-EN124
6046017-001	DG4V-5-8BLJ-VM-U-H6-20-EN124

Applications



Metal Cutting



Plastic Injection Molding



Hydraulic Power Unit

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